OHIO DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINERAL RESOURCES MANAGEMENT

ATTACHMENT 20 (SEDIMENTATION POND/IMPOUNDMENT DATA SHEET)

- Appli	cant	's Na	me The Ohio Va	alley Coal C	ompany	Pond	# E	·
Type	of i	mpoun	dment Excavate	d Sediment P	ond Perma	nent, T	emporary _	<u>x</u>
1.	PONI	DRAI	NAGE AREA DATA:	:				
	a) b) c) d) e) f)	Dist Ave. Hydr Hydr	nage area 3.3 urbed area 1. land slope ologic soil gro aulic length r/condition of	.07 acres 27.7 % oup C 275 ft		Woods/Veg		2.24 Acres
2.	DES	GN ST	ORM CRITERIA:					
	a)	Meth 1)	od: Design method Discharge, De Methods HEC-1 SCS curve numb	esign Storm	-			
	b)	Rain	fall Amount/Pea	ak Flow	Rainfall,	in.	Peak flow,	cfs.
	₩	1) 2) 3)	10 year, 24 ho 25 year, 6 hou 50 year, 6 hou (if permanent) 100 year, 6 hou (if 20/20 size	ır = ır =) our =	3.78		8.37	
3.	PONI	SIZE Dime	: nsions:	·				
		1) 2) 3)	Dam height 10 Dam width 30 Dam length 14	ft.	5) Dam u	ownstream pstream sl lengthf	ope <u>33</u>	हें इं
	b)		ment storage vo 1156 foot ele		8 ac. f	t. is prov	ided belov	v.
	C)	Stag	e/Area Data:		Elevation ft.	n Surfac ac		Volume ac.ft.
		1) 2) 3) 4) 5)	Bottom of pond Streambed at a Principal spil Emergency spil Top of embankm	ipstream toe llway inlet: llway crest:	N/A	N/ N/ N/ 0.		0.00 N/A N/A N/A 2.30

	a) Pipe length ft.
	b) Pipe diameter in. c) Pipe slope %
	c) Pipe slope %
	d) Riser diameter in.
	e) Riser height ft.
	f) Type of pipe
	g) Number of anti-seep collars; spacing along pipe ft.
	h) Does the design include a trash rack? Yes, No.
	h) Does the design include a trash rack? Yes, No. i) Does the design include an anti-vortex device? Yes, No.
	,
5.	EMERGENCY SPILLWAY/EXIT CHANNEL: N/A
J.	EMERGENCI SELLEWAI/EXII CHANNED. N/A
	a) Base width ft.
	b) Design flow depth ft.
	c) Exit slope%
	d) Exist velocity fps
	e) Channel lining
	f) Side slopes
	f) Side slopes ft.
	g) Freeboard It.
	h) Entrance slope %
	i) Length of level control section ft.
6.	The minimum static factor of safety for this impoundment is N/A
7.	Provide as an addendum to this attachment a detailed plan view or 2
	cross sections of the impoundment.
	Tobb bootens of the impoundment.
	COMMENTS: Water level to be controlled by pumping water from sediment
•	
	pond back into slurry pool of the main embankment.
	r
	~ % },
a	Is this an MSHA structure? Yes Y No If "yes " provide the
9.	Is this an MSHA structure? Yes, X No. If "yes," provide the
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4. PRINCIPAL SPILLWAY: N/A